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 PATENT & TRADEMARK OFFICE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

App'l. No. : 09/842,778  
Applicant : Atsushi ITO et al.  
Filed : April 27, 2001  
TC/A.U. : 2875  
Examiner : Peter J. Macchiarolo

Docket No. : 1945-347  
Customer No. : 06449  
Confirmation No. : 3837

**THIRD SUPPLEMENTAL  
INFORMATION DISCLOSURE STATEMENT**

Director of the United States Patent  
and Trademark Office  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

Under the provisions of 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant submits herewith information that the Office may wish to consider in examination of the subject application. Materials submitted for consideration are listed on the attached form PTO-1449.

I hereby certify that each item of information contained in this information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application (copy of Taiwan Office Action included herewith) not more than three months prior to the filing of this statement. Accordingly, Applicants petition the Commissioner to consider this information disclosure statement.

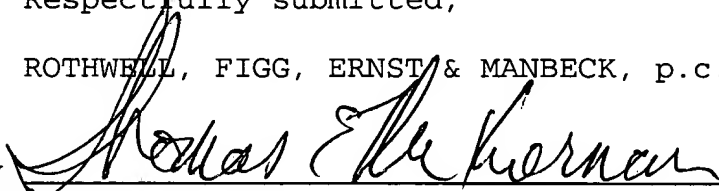
Pursuant to the provisions of 37 C.F.R. § 1.17, enclosed is a check for \$180.00. The Commissioner is authorized to charge any additional fees or credit any overpayment to Deposit Account No. 02-2135. An additional copy of this document is enclosed.

Respectfully submitted,

ROTHWELL, FIGG, ERNST & MANBECK, p.c.


By

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> 				<i>Complete if Known</i>	
				Application Number	09/842,778
				Filing Date	April 27, 2001
				First Named Inventor	Atsushi ITO et al.
				Group Art Unit	2875
				Examiner Name	Peter J. Macchiarolo
1	of	1	Attorney Docket Number	1945-347	

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee of Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>6</sup>
		Office <sup>3</sup> Code	Number <sup>4</sup>	Kind <sup>5</sup> (if known)			
		JP	07-225303	A	SHARP KK (JP); OMRON TATEISI ELECTRONICS CO. (JP)	06-21-1995	Ab

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code. <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.